



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete if Known**

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|-------------------------------|------------------|
| <b>Application Number</b>     | 10/724,136       |
| <b>Filing Date</b>            | 12/1/03          |
| <b>First Named Inventor</b>   | A. Buerke et al. |
| <b>Art Unit</b>               | 2811             |
| <b>Examiner Name</b>          | Unknown          |
| <b>Attorney Docket Number</b> | INF-118          |

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| Sheet | 1 | of | 2 |
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|-----------------------|---------|--------------------|----------|
| Examiner<br>Signature | HUNG VU | Date<br>Considered | 08/28/04 |
|-----------------------|---------|--------------------|----------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| Substitute for form 1449B/PTO   |      | <b>Complete if Known</b> |                  |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |      | Application Number       | 10/724,136       |
|   |      | Filing Date              | 12/1/03          |
|   |      | First Named Inventor     | A. Buerke et al. |
|   |      | Group Art Unit           | 2811             |
|   |      | Examiner Name            | Unknown          |
| Sheet 2   | of 2 | Attorney Docket Number   | INF-118          |

| OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS |                       |   |                          |
|--|-----------------------|---|--------------------------|
| Examiner Initials                                  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
| <u>Vu</u>  |                       | M. Takeyama et al. "Preparation of Wn Films and Their Diffusion Barrier Properties in CU/SI Contact System" Jpn. J. Appl. Phys. Vol. 36 (1997) pp. 2261-2266.   | <input type="checkbox"/> |
| <u>Vu</u>  |                       | Y. Kim et al. "New Method to Improve the Adhesion Strength of Tungsten Thin Film on Silicon W2N Glue Layer" App. Phys. Lett. 61 (5) 1992 pp. 537-539  | <input type="checkbox"/> |
| <u>Vu</u>  |                       | B. Lee et al. "In situ Barrier Formation Using Rapid Thermal Annealing of a Tungsten Nitride/Polycrystalline Silicon Structure" Applied Physics Letters, Vol. 76 (18) 2000 pp. 2538-2540  | <input type="checkbox"/> |
| <u>Vu</u>  |                       | B. Suh, et al. "Crystallization of Amorphous Wn Films" J. Appl. Phys. Vol. 89 (2000), pp 4128-4133.   | <input type="checkbox"/> |
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| Examiner Signature | HUNG VU | Date Considered | 02/28/04 |
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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